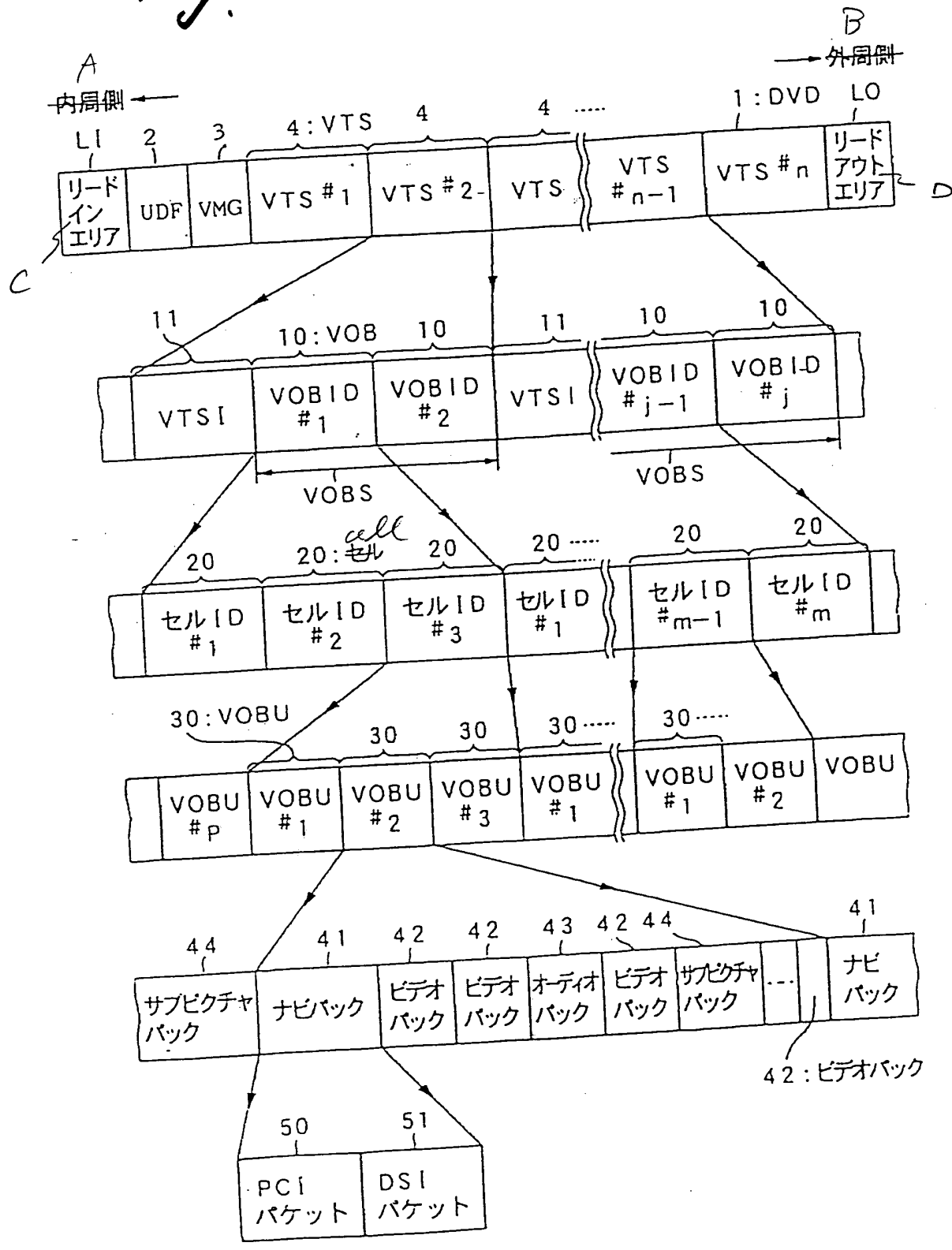


【分類名】 図 面

【図1】 Fig. 1



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17/9

# REPORT

C LEAD-IN AREA

20 CELL ID#1, CELL ID#2, CELL ID#3, CELL ID#1, CELL ID#m-1, ...

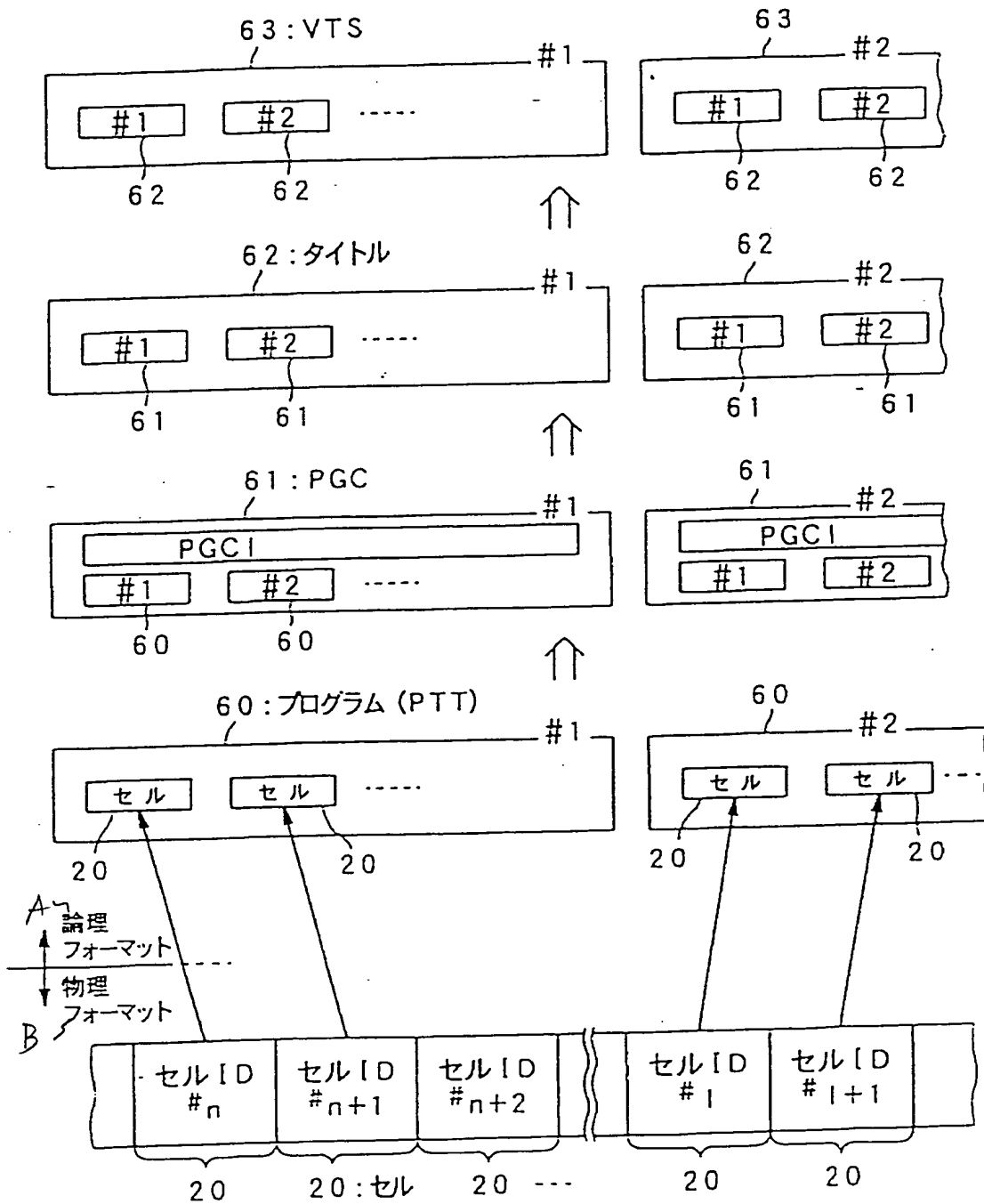
41 NAVIGATION PACK

10 43 AUDIO PACK

50 PCI PACKET

- 92 -

【図2】 Fig. 2



219

FIG. 2

62 TITLE

60 PROGRAM

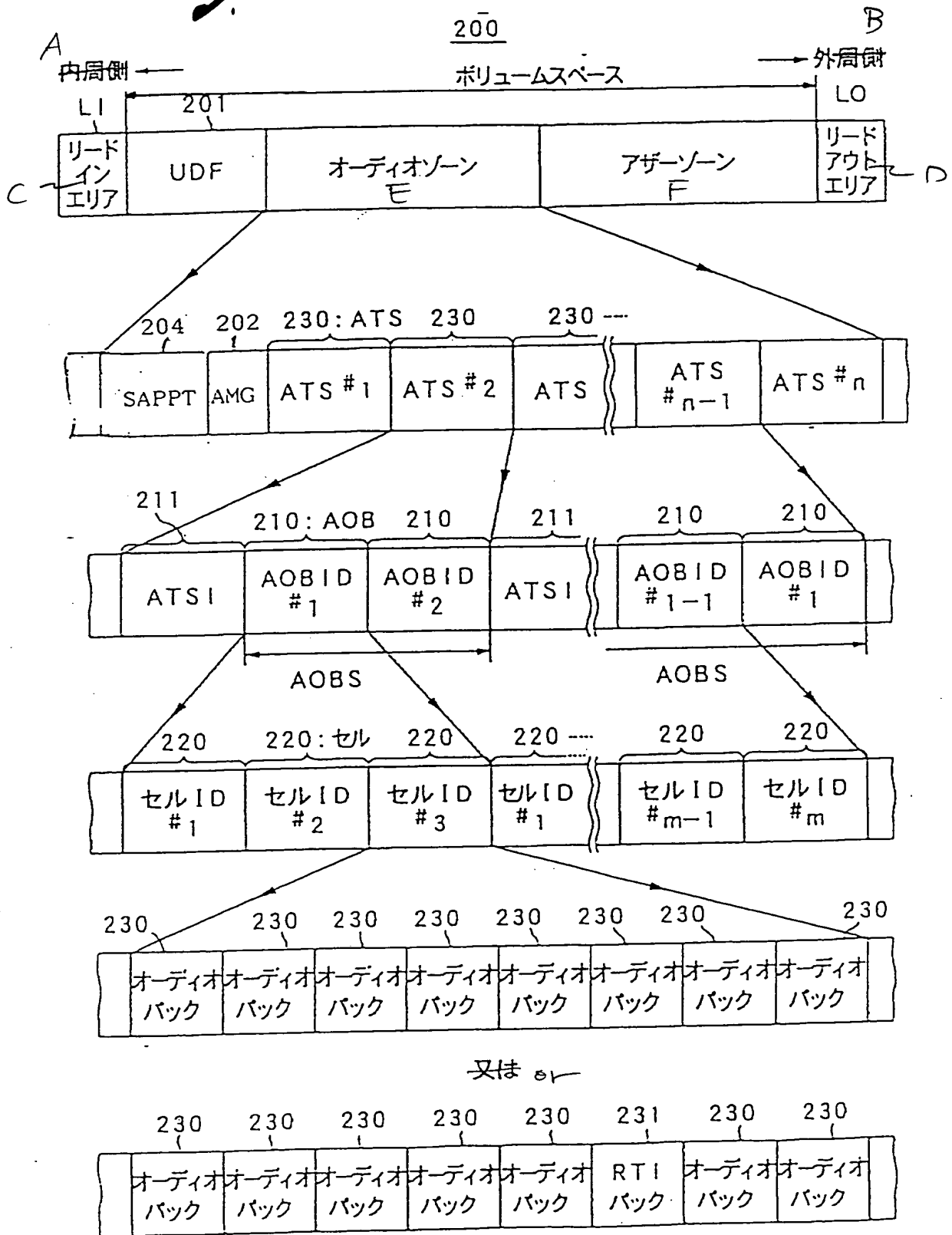
20 CELL ID#n, CELL ID#n+1, CELL ID#n+2, CELL ID#1, CELL ID#1+1

5 A LOGICAL FORMAT

B PHYSICAL FORMAT

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【図3】 Fig 3



3/19

FIG. 3

A INWARD

B OUTWARD

200 VOLUME SPACE

5 C LEAD-IN AREA

D LEAD-OUT AREA

E AUDIO ZONE

F OTHER ZONES

220 CELL

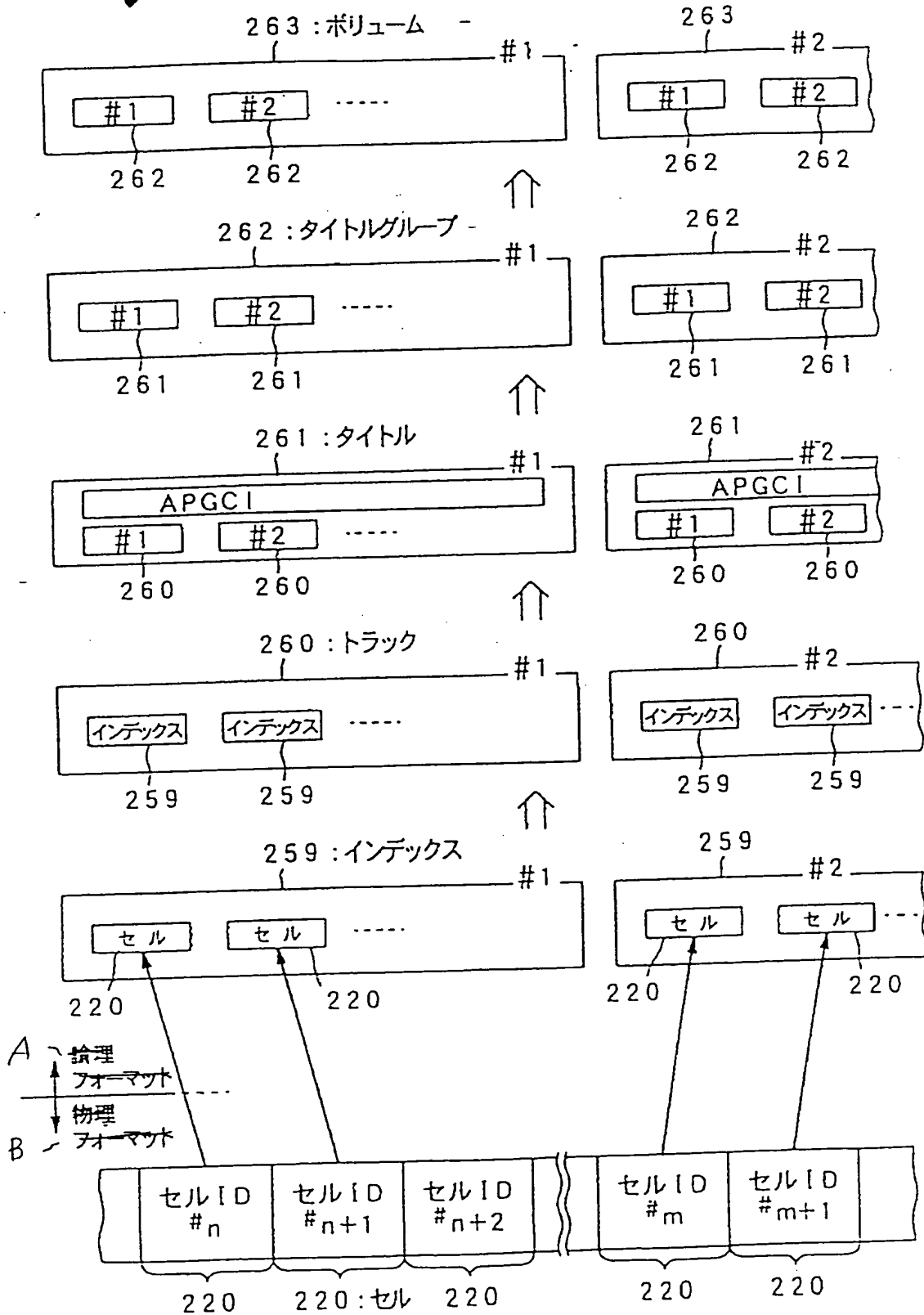
10 CELL ID#1, CELL ID#2, CELL ID#3, CELL ID#1, CELL ID#m-1, CELL  
ID#m

230 AUDIO PACK

231 RTI PACK

665040" 22258260

Fig. 4



665040" 2258250

4/19

FIG. 4

263 VOLUME

262 TITLE GROUP

261 TITLE

5 260 TRACK

259 INDEX

220 CELL

A LOGICAL FORMAT

B PHYSICAL FORMAT

10 CELL ID#n, CELL ID#n+1, CELL ID#n+2, CELL ID#m, CELL ID#m+1

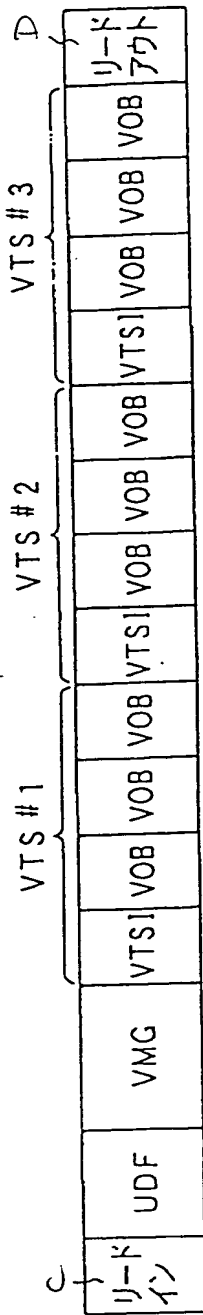
665040"22252250



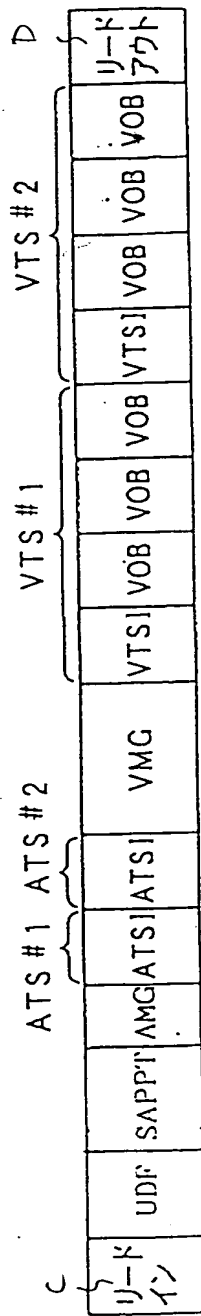
Fig. 5

図5

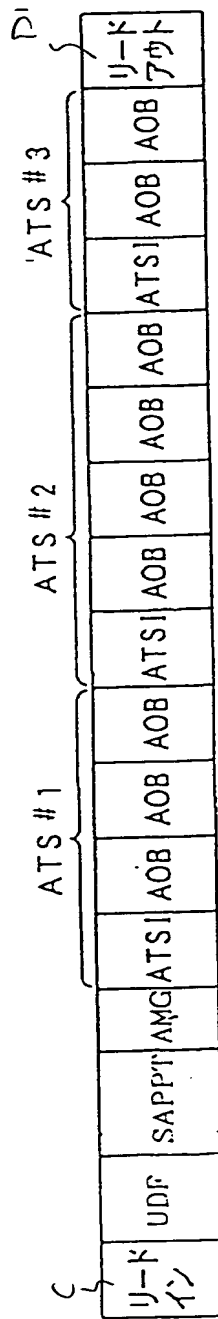
A (ビデオディスク)



B ビデオDVD

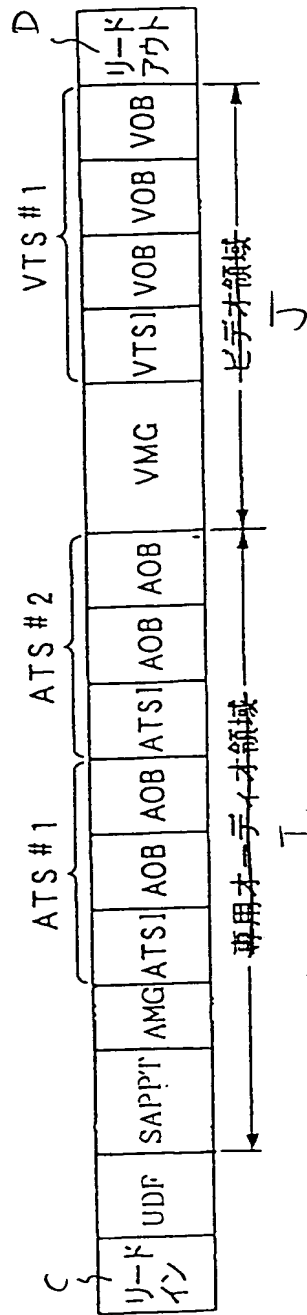


E オーディオ  
ナビゲーション付  
ビデオDVD



F (オーディオディスク)

G オーディオ  
オンリーDVD



H オーディオ  
・ビデオ  
両用DVD

5/19

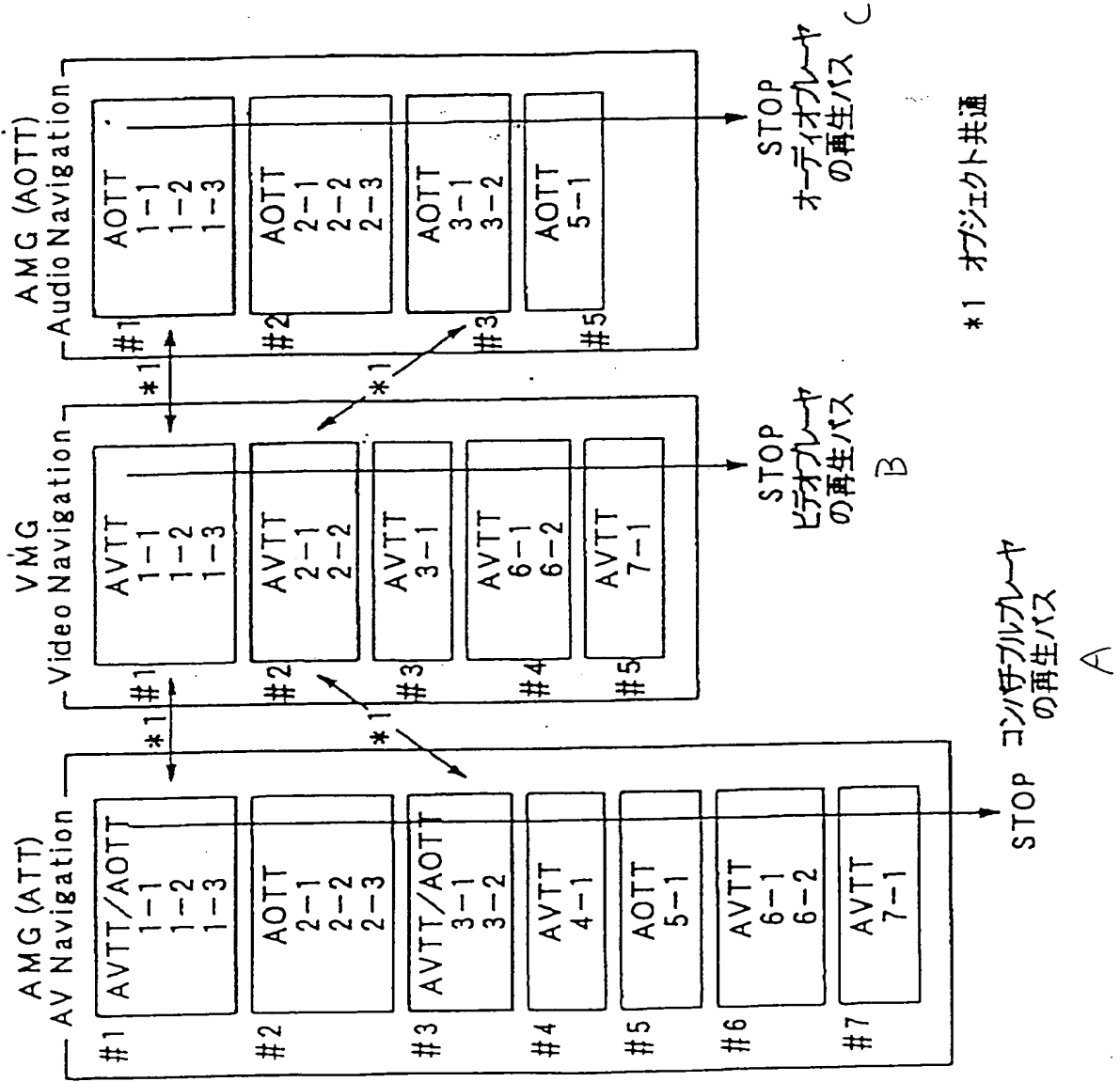
FIG. 5

- A (VIDEO DISK)
- B VIDEO DVD
- C LEAD-IN
- 5 D LEAD-OUT
- E VIDEO DVD HAVING AUDIO NAVIGATION
- F (AUDIO DISK)
- G AUDIO-ONLY DVD
- H VIDEO-AUDIO COMPATIBLE DVD
- 10 I AUDIO-ONLY AREA
- J VIDEO AREA

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Fig. 6

665040" 22258260

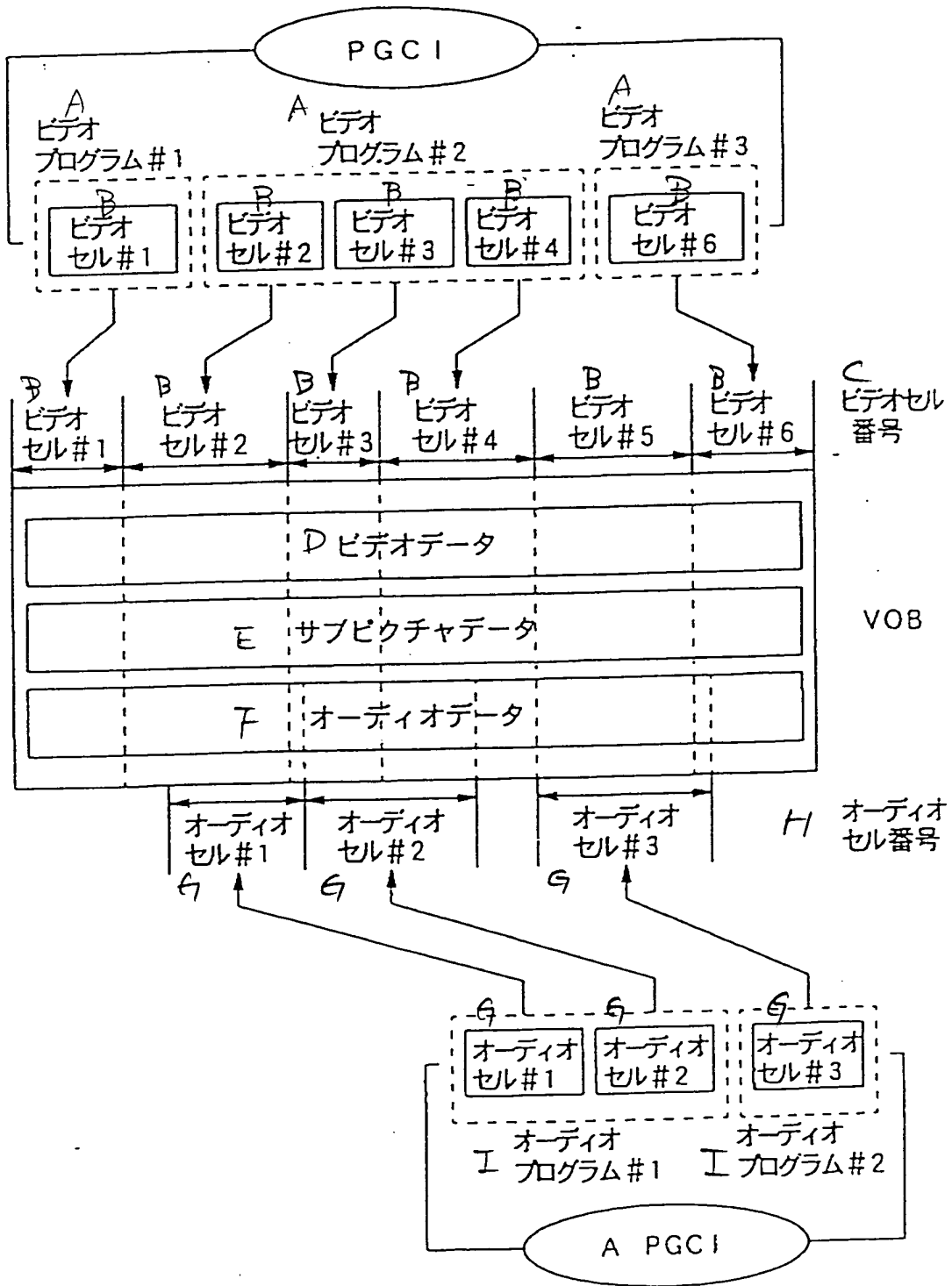


6/1/9

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C  REPRODUCE PATH FOR AUDIO PLAYER
```

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図 7



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7/19

FIG. 7

A VIDEO PROGRAM

B VIDEO

C VIDEO CELL NO.

5 D VIDEO DATA

E SUB-PICTURE DATA

F AUDIO DATA

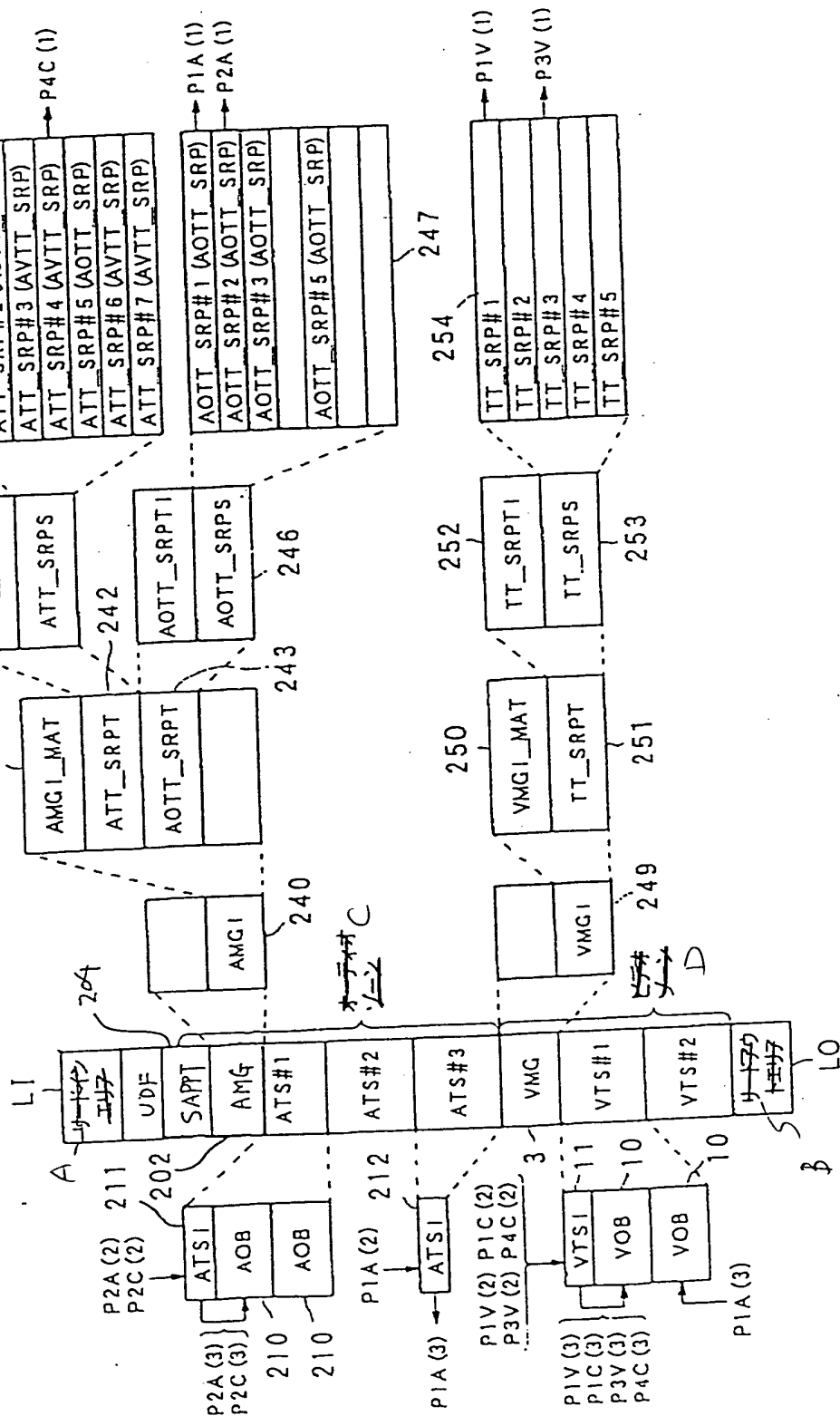
G AUDIO CELL

H AUDIO CELL NO.

10 I AUDIO PROGRAM

665040" 2258260

Fig. 2



8/11

FIG. 8

A LEAD-IN AREA

B LEAD-OUT AREA

C AUDIO ZONE

5 D VIDEO ZONE

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665040" 22258260

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[図3]

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9/19

A タイトル グループ 番号	B トラック 番号	C スタート アドレス	D エンド アドレス	E オブジェクト タイプ	F マルチ チャンネル タイプ	G 属性情報				H 時間情報			
						チャンネル I アサインメント	チャンネル J データ	チャンネル K データ	チャンネル L データ	トラック スタート タイム	トラック タイム	再生時間	
1	1	36	38	V08	Type 1	2ch L/R	48000	16	—	—	0	2	
1	2	39	42	V08	Type 1	2ch L/R	48000	16	—	—	2	3	
1	3	43	45	V08	Type 1	2ch L/R	48000	16	—	—	5	2	
2	1	9	11	A08	Type 1	2ch Lf/Rf + 2ch C/S	96000	24	48000	24	0	101	
2	2	12	13	A08	Type 1	2ch Lf/Rf + 2ch C/S	96000	24	48000	24	10	8	
2	3	14	17	A08	Type 1	2ch Lf/Rf + 4ch C/LFE/Ls/Rs	48000	24	48000	16	18	12	
3	1	46	47	V08	Type 1	4ch Lf/Rf/C/S	48000	16	—	—	0	5	
3	2	48	50	V08	Type 1	4ch Lf/Rf/C/S	48000	16	—	—	5	5	
5	1	21	25	A08	Type 1	2ch L/R	192000	16	—	—	0	20	

9/18

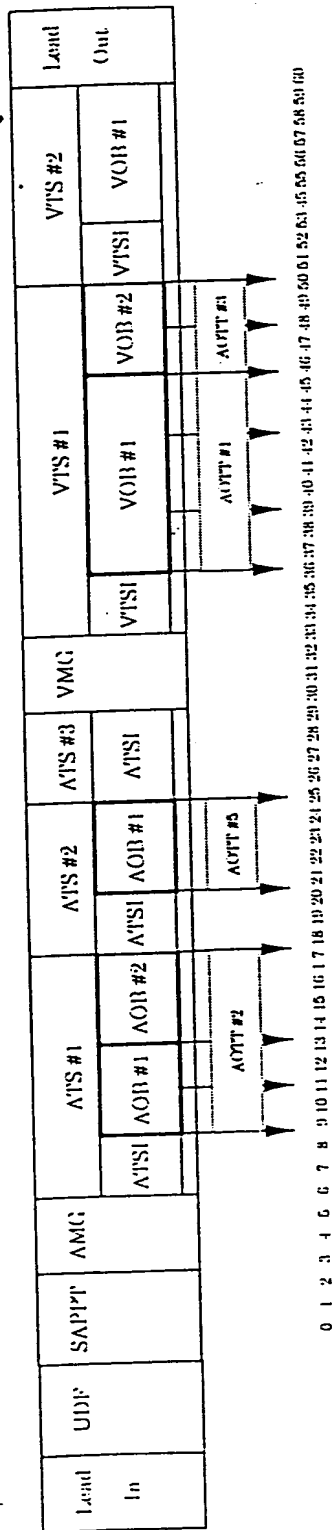
FIG. 9

- A TITLE GROUP NO.
- B TRACK NO.
- C START ADDRESS
- 5 D END ADDRESS
- E OBJECT TYPE
- F MULTI-CHANNEL TYPE
- G ATTRIBUTE INFORMATION
- H TIME INFORMATION
- 10 I CHANNEL ASSIGNMENT
- J CHANNEL GROUP 1
- K CHANNEL GROUP 2
- L TRACK START TIME
- M TRACK REPRODUCE TIME
- 15 N SAMPLING FREQUENCY
- O NUMBER OF QUANTIZED BITS

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665040" 2258260

Fig 10



ディスク上の物理的配置のイメージ

Conceptual Physical Layout on Disk



11/18

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12/18

FIG. 12

B LIGHT BEAM

80 PICK UP

81 DEMODULATION/CORRECTION SECTION

5 82 STREAM SWITCH

83 TRACK BUFFER

84 STREAM SWITCH

85 SYSTEM BUFFER

86 DEMULTIPLEXER

10 92 AUDIO BUFFER

93 AUDIO DECODER

94 AUDIO DECODER BUFFER

95 RTI BUFFER

96 RTI DECODER

15 97 RTI DECODER BUFFER

98 INPUT SECTION

99 DISPLAY

100 SYSTEM CONTROLLER

100a MEMORY

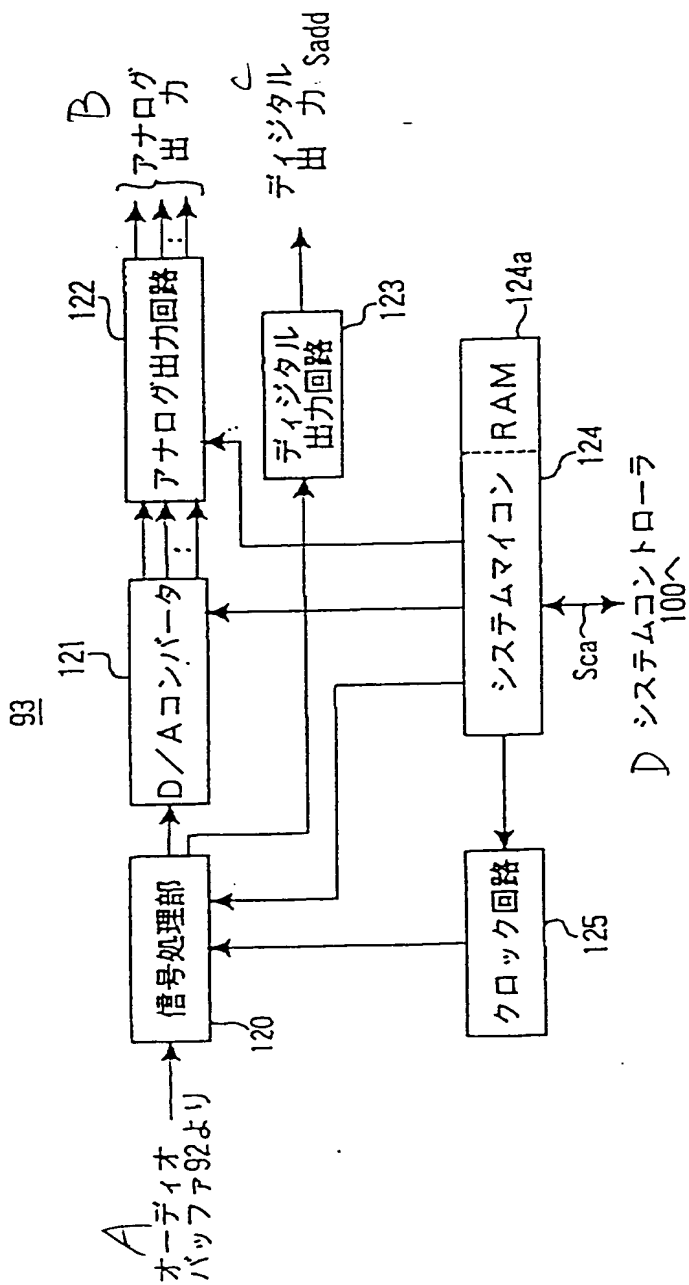
20 101 DRIVE CONTROLLER

102 SPINDLE MOTOR

103 SLIDER MOTOR

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665040" 2258260

図 13





13/19

120 SIGNAL PROCESSING SECTION

5 122 ANALOG OUTPUT CIRCUIT

## 123 DIGITAL OUTPUT CIRCUIT

## 125 CLOCK CIRCUIT

D TO SYSTEM CONTROLLER 100

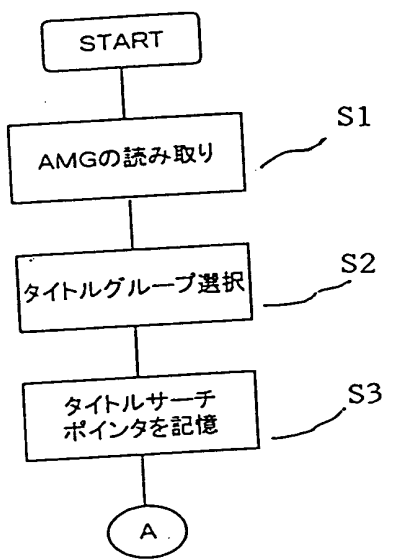
D TO SYSTEM CONTROLLER 100

**THE UNIVERSITY OF CHICAGO**

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14-149-59P40

Fig. 14



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14/19

FIG. 14

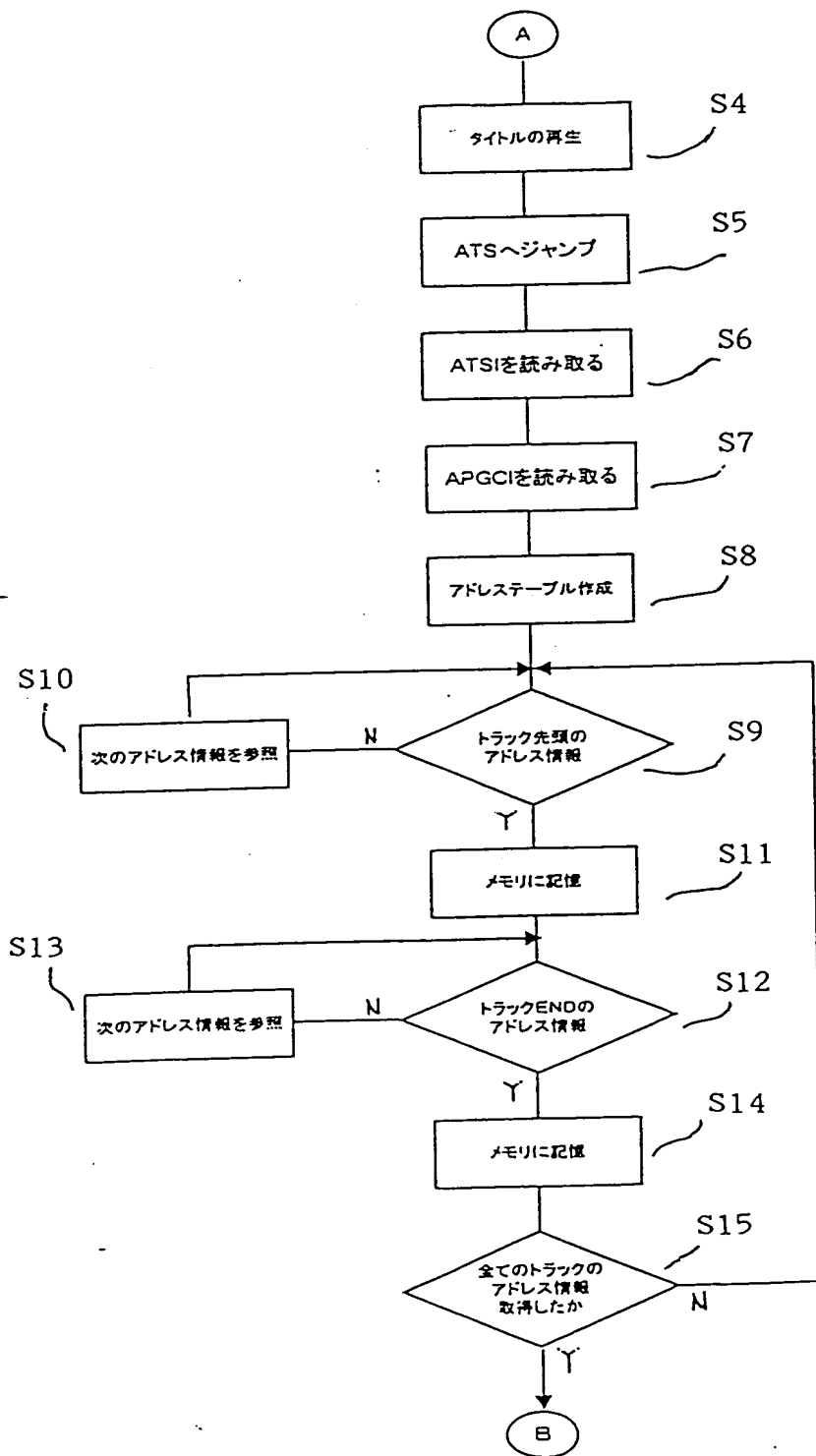
S1 READ AMG

S2 SELECT TITLE GROUP

S3 STORE TITLE SEARCH POINTER

665040" 22258260

【図15】 *Fig. 15*



665040"2252260

13/18

S5 JUMP TO ATS

5 S7 READ APGCI

S9 ACQUIRE ADDRESS INFORMATION RECORDED AT HEAD OF TRACK

S11 STORE ACQUIRED ADDRESS INFORMATION INTO MEMORY

10 S12 ACQUIRE ADDRESS INFORMATION OF TRACK END

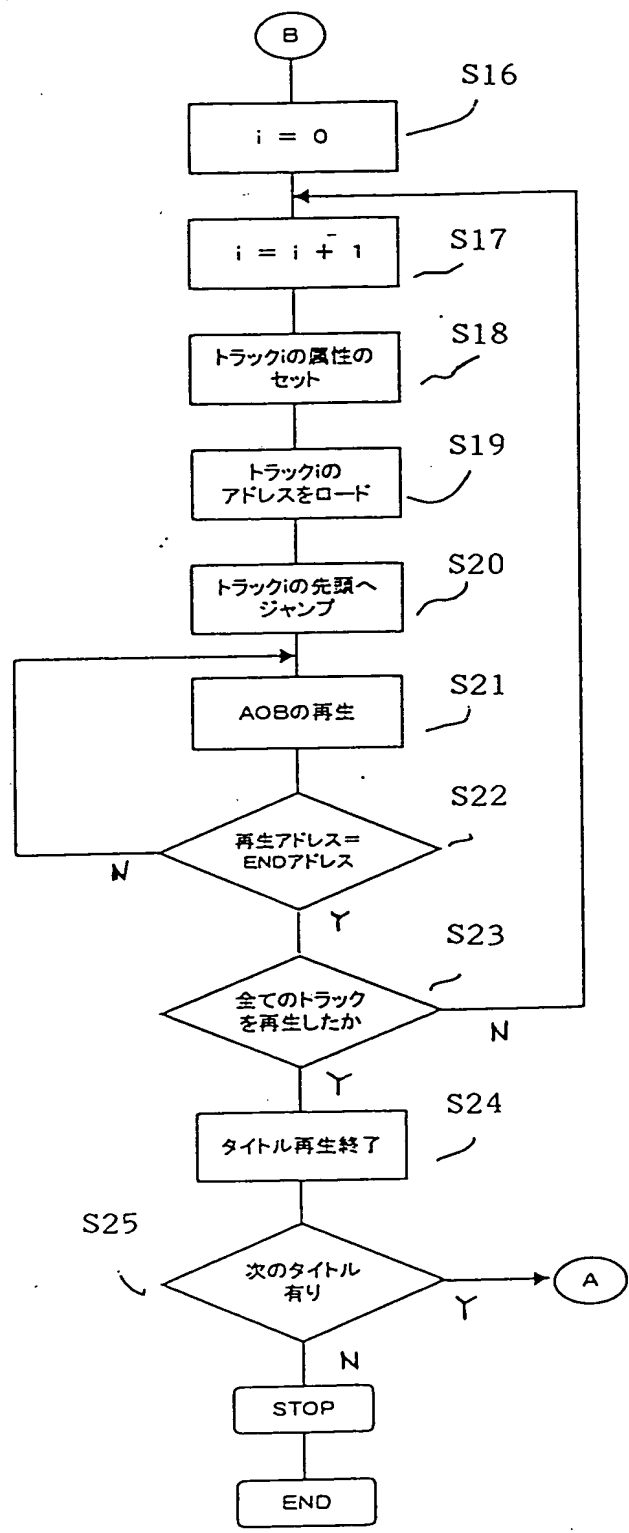
S14 STORE ACQUIRED ADDRESS INFORMATION

S15 HAVE ADDRESS INFORMATION ABOUT ALL TRACKS BEEN ACQUIRED?

S15 HAVE ADDRESS INFORMATION ABOUT ALL TRACKS BEEN ACQUIRED?

S15 HAVE ADDRESS INFORMATION ABOUT ALL TRACKS BEEN ACQUIRED?

【図16】 Fig. 16



665040"2758260

16/19

FIG. 16

S18 SET ATTRIBUTE OF TRACK i

S19 LOAD ADDRESS OF TRACK i

S20 JUMP TO HEAD OF TRACK i

5 S21 REPRODUCE AOBs

S22 IS REPRODUCE ADDRESS EQUAL TO END ADDRESS?

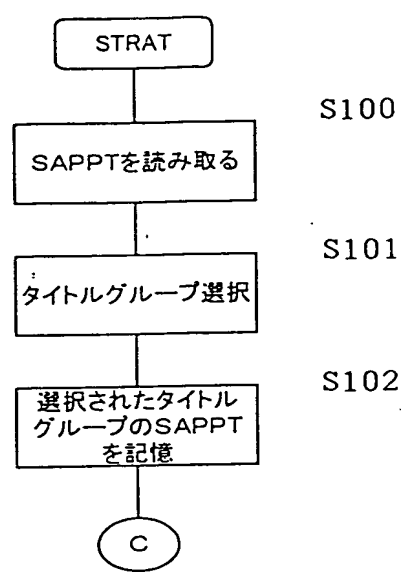
S23 HAVE ALL TRACKS BEEN REPRODUCED?

S24 COMPLETE REPRODUCE OF TITLE

S25 THERE IS NEXT TITLE

065040" 2258250

~~(図17)~~ Fig 17



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17/18

FIG. 17

S100 READ SAPPT

S101 SELECT TITLE GROUP

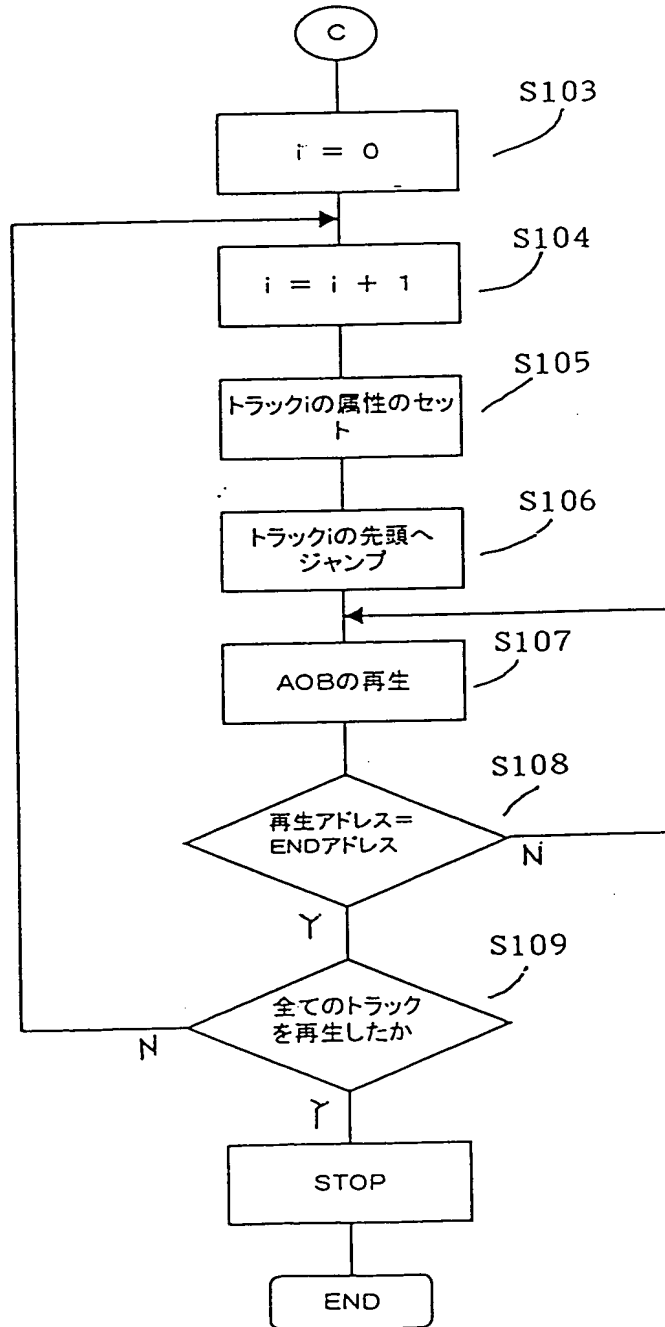
S102 STORE SAPPT OF SELECTED TITLE GROUP

005040 2258260

【図18】

Fig. 18

18/19



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18/19

FIG. 18

S105 SET ATTRIBUTE OF TRACK i

S106 JUMP TO HEAD OF TRACK i

S107 REPRODUCE AOBs

5 S108 IS REPRODUCE ADDRESS EQUAL TO END ADDRESS?

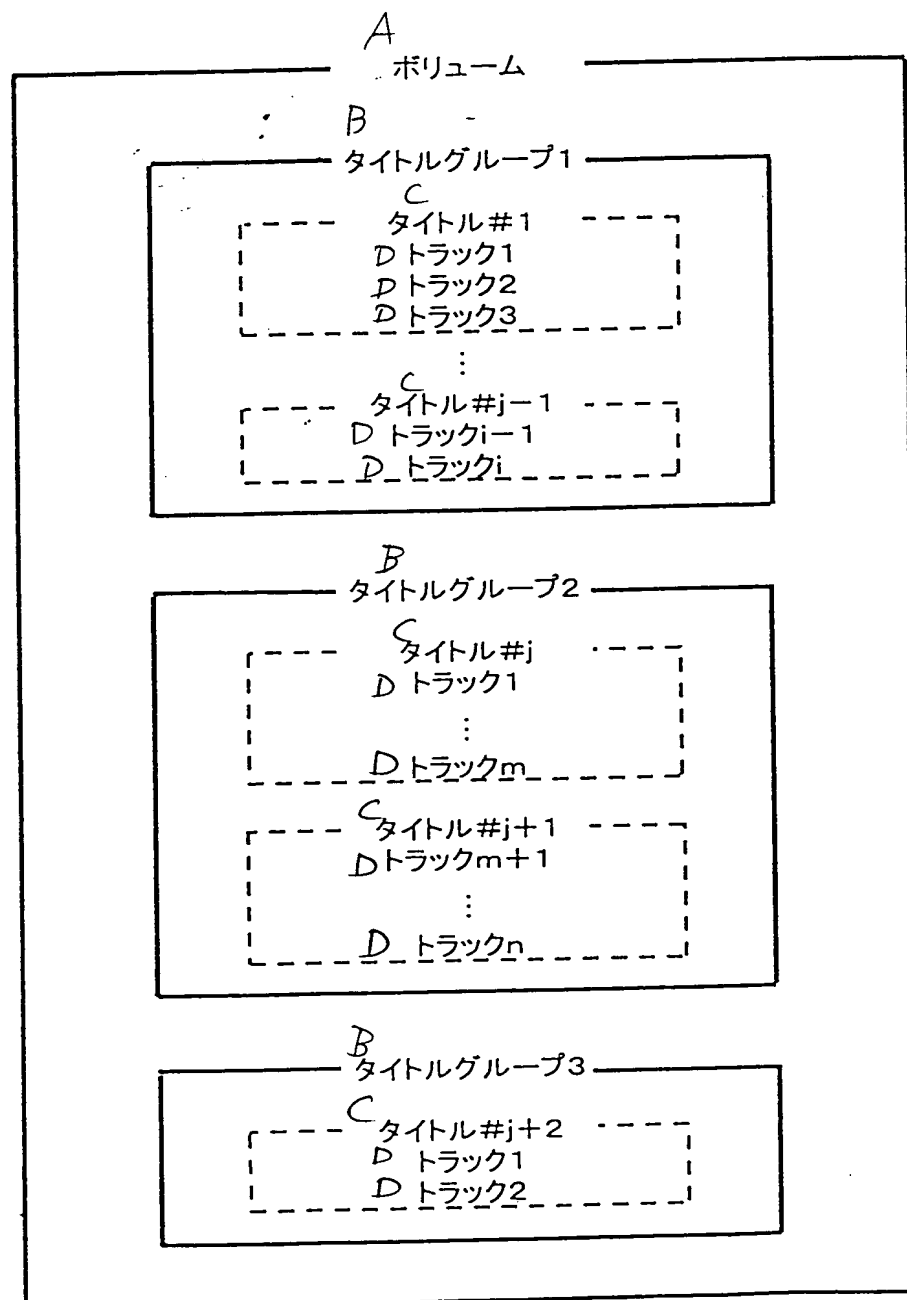
S109 HAVE ALL TRACKS BEEN REPRODUCED?

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665040" 2258260

【図10】

Fig. 19

19/19



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19/19

FIG. 19

A VOLUME

B TITLE GROUP

C TITLE

5 D TRACK

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